

# **ADDENDUM to Manual 2-2255**

## **Please Read First**

### **KM2993 DIS Module/KV Tester**

#### **UPDATE SHEETS**

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#### **Tester / Module Connections**

**CAUTION:** The metal case on certain ignition modules is connected to the ground (GND) circuit. DO NOT allow any leads or jumpers to touch the metal case. This could cause damage to the module or the tester.

**NOTE:** The illustrations show module connections using the generic all-purpose cable supplied with the KM2993 tester.

To provide fast and convenient hook-ups to many of the common ignition modules shown, the following optional accessory cables with OEM connectors are available for the KM2993 tester, but are sold separately:

GM-1, GM-2, GM-3, GM-4, GM-5, GM-6, GM-7, GM-8, and GM-9

FORD-1, FORD-2, FORD-3, FORD-4, FORD-5, FORD-6, and FORD-7

To order accessory cables, find part numbers on Page 9 of these Update Sheets.

Find the module to be tested from the illustrations to determine if an accessory cable is available, or simply use the all-purpose connector cable and jumpers provided to make the test connections as shown.



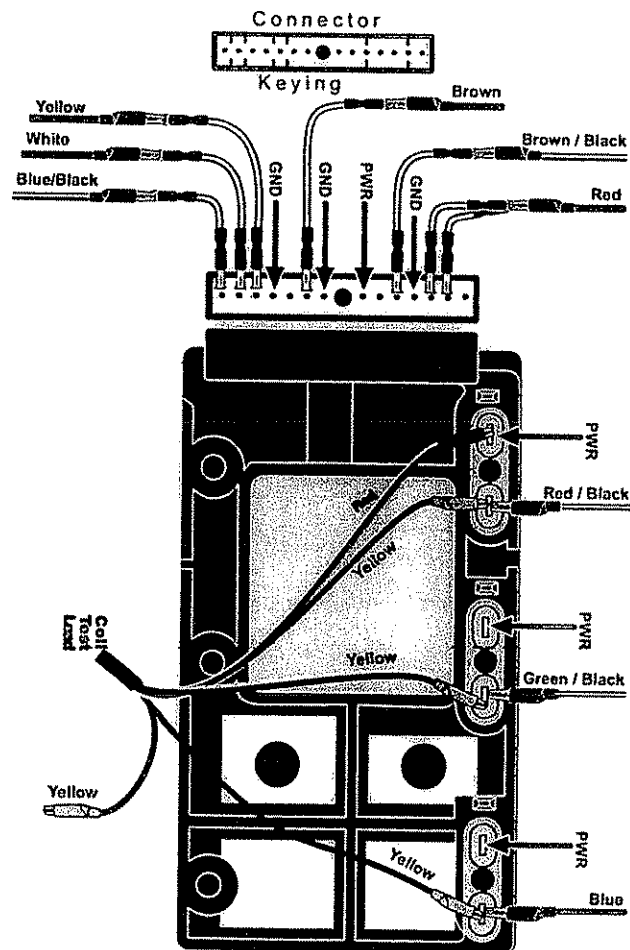
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### GM 3.8L C3I

**System Type 4** (Optional Cable GM-9)

Use yellow jumper if your tester came with jumpers.



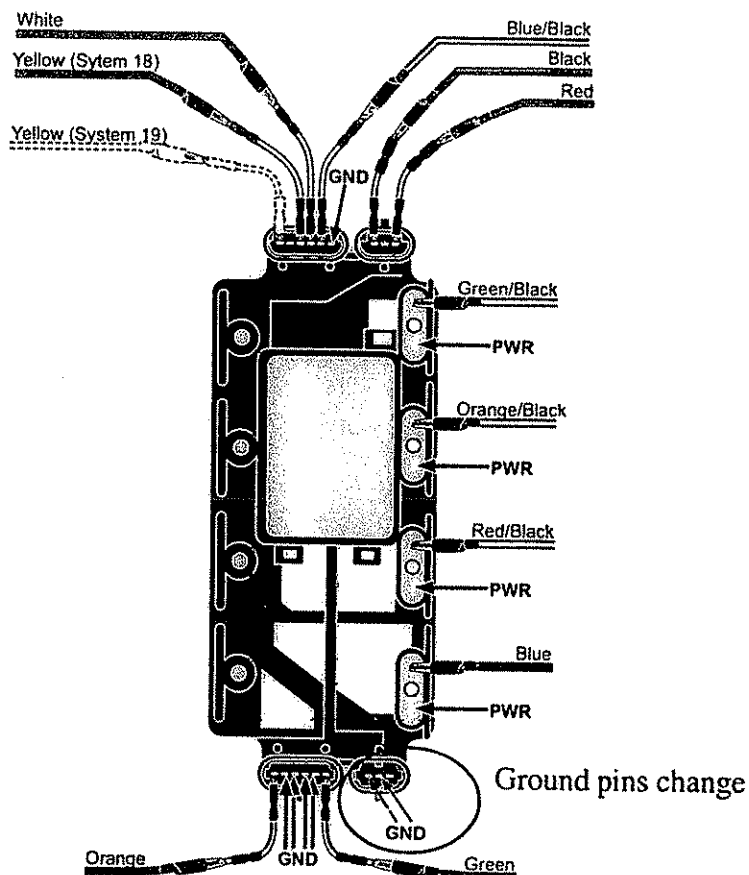
Module was not shown in original manual.

**GM 8 Cyl. Northstar System Type 18 -- Sytem Type 19** (Optional Cable GM-7)

*Both Tests must pass for the module to be good.*

**NOTE:** When testing with available OEM connector cable (Accessory Cable GM-7, sold separately), connect the centermost yellow wire to its mating cable wire connector provided for System18. Disconnect this wire and connect the outer yellow wire to the same mating connector for System 19.

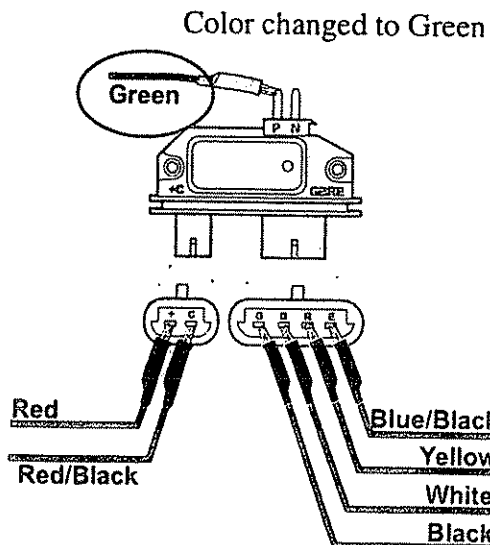
**CAUTION:** Do not jerk or pull on wires when disconnecting. To avoid damage to the accessory cable, grasp only the connectors to disconnect them.



**GM 8 pin HEI Systems**

**System Type 13**

(Optional Cable GM-1)



# GENERAL MOTORS DIS IGNITION APPLICATION

## Buick

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
Century	2.5L	R	92-87	GM DIS/IDIS 4 Cyl	GM-4
Century	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Century	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Century	3.3L	N	92-89	GM 3.0/3.3L Buick	GM-9
Century	3.3L	N	93	GM 3.8L C3I (Fast Start)	GM-8
Century	3.8L Delco Type I	3	88-86	GM 3.0/3.3L Buick	GM-9
Century	3.8L Magnavox	3	88-86	GM 3.8L C3I	GM-9
Electra	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
Electra	3.8L Delco Type I	3	88-86	GM 3.0/3.3L Buick	GM-9
Electra	3.8L Delco Type I	B	86	GM 3.0/3.3L Buick	GM-9
Electra	3.8L Magnavox	3	88-86	GM 3.8L C3I	GM-9
Electra	3.8L Magnavox Type I	B	86	GM 3.8L C3I	GM-9
LeSabre	3.0L Module # 25520266, 25523220, 25521351	L	86	GM 3.8L C3I	GM-9
LeSabre	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
LeSabre	3.8L	L	95-92	GM 3.8L C3I (Fast Start)	GM-8
LeSabre	3.8L Delco Type I	3	88-86	GM 3.0/3.3L Buick	GM-9
LeSabre	3.8L Magnavox	3	88-86	GM 3.8L C3I	GM-9
Park Avenue	3.8L	1	96-95	GM 3.8L C3I (Fast Start)	GM-8
Park Avenue	3.8L	1	92-91	GM 3.8L C3I (Fast Start)	GM-8
Park Avenue	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
Park Avenue	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
Park Avenue	3.8L	L	94-92	GM 3.8L C3I (Fast Start)	GM-8
Park Avenue	3.8L Magnavox	1	92-91	GM 3.8L C3I (Fast Start)	GM-8
Reatta	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
Reatta	3.8L	L	91	GM 3.8L C3I (Fast Start)	GM-8
Regal	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Regal	3.0L Module # 25520266, 25523220	L	85	GM 3.8L C3I	GM-9
Regal	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Regal	3.1L	T	93-89	GM DIS 6 Cyl	GM-6
Regal	3.8L	K	96	GM 3.8L C3I (Fast Start)	GM-8
Regal	3.8L	L	95-90	GM 3.8L C3I (Fast Start)	GM-8
Regal	3.8L Magnavox Type I	7	87-86	GM 3.8L C3I	GM-9
Riviera	3.8L Delco Type I	B	86	GM 3.0/3.3L Buick	GM-8
Riviera	3.8L Magnavox Type I	B	86	GM 3.8L C3I	GM-9
Riviera	3.8L	1	95	GM 3.8L C3I (Fast Start)	GM-8
Riviera	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
Riviera	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
Riviera	3.8L	L	92-91	GM 3.8L C3I (Fast Start)	GM-8
Riviera	3.8L Delco Type I	3	88-86	GM 3.0/3.3L Buick	GM-9
Riviera	3.8L Magnavox	3	88-86	GM 3.8L C3I	GM-9
Skyhawk	2.0L	1	89-87	GM DIS/IDIS 4 Cyl	GM-4
Skylark	3.0L Module # 25520266, 25523220	L	86	GM 3.8L C3I	GM-9
Skylark	2.3L	3	94-92	GM DIS/IDIS 4 Cyl	GM-3
Skylark	2.3L	D	91-88	GM DIS/IDIS 4 Cyl	GM-2
Skylark	2.3L	D	95	GM DIS/IDIS 4 Cyl	GM-3
Skylark	2.5L	U	91-87	GM DIS/IDIS 4 Cyl	GM-4
Skylark	3.0L Module # 25521351	L	88-86	GM 3.8L C3I	GM-9
Skylark	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Skylark	3.3L	N	92-89	GM 3.0/3.3L Buick	GM-9
Skylark	3.3L	N	93	GM 3.8L C3I (Fast Start)	GM-8
Somerset	2.5L	U	91-87	GM DIS/IDIS 4 Cyl	GM-4
Somerset	3.0L Module # 25520266, 25523220, 25521351	L	88-86	GM 3.8L C3I	GM-9

\* Optional Accessory Cables available, but sold separately

## Chevrolet

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
Beretta	2.0L	1	89-87	GM DIS/IDIS 4 Cyl	GM-4
Beretta	2.2L	4	93-92	GM DIS/IDIS 4 Cyl	GM-4
Beretta	2.2L	G	91-90	GM DIS/IDIS 4 Cyl	GM-4
Beretta	2.3L	A	91-90	GM DIS/IDIS 4 Cyl	GM-2
Beretta	2.3L	A	94-92	GM DIS/IDIS 4 Cyl	GM-3
Beretta	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Beretta	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Beretta	3.1L	T	93-90	GM DIS 6 Cyl	GM-6
Camaro	3.4L	S	95-93	GM DIS 6 Cyl	GM-6
Camaro	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
Cavalier	2.0L	1	89-88	GM DIS/IDIS 4 Cyl	GM-4
Cavalier	2.2L	4	93-92	GM DIS/IDIS 4 Cyl	GM-4
Cavalier	2.3L	4	92	GM DIS/IDIS 4 Cyl	GM-4
Cavalier	2.2L	G	91-90	GM DIS/IDIS 4 Cyl	GM-4
Cavalier	2.3L	D	95	GM DIS/IDIS 4 Cyl	GM-3
Cavalier	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Cavalier	3.1L	T	94-90	GM DIS 6 Cyl	GM-6
Celebrity	2.5L	R	90-87	GM DIS/IDIS 4 Cyl	GM-4
Celebrity	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Celebrity	3.1L	T	94-90	GM DIS 6 Cyl	GM-6
Corsica	2.0L	1	89-87	GM DIS/IDIS 4 Cyl	GM-4
Corsica	2.2L	4	93-92	GM DIS/IDIS 4 Cyl	GM-4
Corsica	2.2L	G	91-90	GM DIS/IDIS 4 Cyl	GM-4
Corsica	2.3L	A	94-90	GM DIS/IDIS 4 Cyl	GM-3
Corsica	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
Corsica	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Corsica	3.1L	T	93-90	GM DIS 6 Cyl	GM-6
Lumina	2.5L	R	92-90	GM DIS/IDIS 4 Cyl	GM-4
Lumina	3.1L	M	95	GM DIS 6 Cyl	GM-6
Lumina	3.1L	T	94-90	GM DIS 6 Cyl	GM-6
Lumina	3.1L	W	93	GM DIS 6 Cyl	GM-6
Lumina	3.4L	X	95-91	GM DIS 6 Cyl	GM-6
Lumina APV	3.8L	L	92	GM 3.8L C3I (Fast Start)	GM-8
Lumina APV	3.8L	L	95-94	GM 3.8L C3I (Fast Start)	GM-8
Lumina APV	3.8L Module 1103911	L	93	GM 3.8L C3I (Fast Start)	GM-8
Lumina APV	3.8L Module 1103936	L	93	GM 3.8L C3I (Fast Start)	GM-8
Monte Carlo	3.1L	M	95	GM DIS 6 Cyl	GM-6
Monte Carlo	3.4L	X	95	GM DIS 6 Cyl	GM-6

## Cadillac

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
All	2.8L	W	88-87	GM DIS 6 Cyl	GM-6
Deville	4.6L Distributorless	9, Y	96-94	GM 8 Cyl. Northstar	GM-7
Concours	4.6L Distributorless	9, Y	96-93	GM 8 Cyl. Northstar	GM-7
Eldorado	4.6L Distributorless	9, Y	96-93	GM 8 Cyl. Northstar	GM-7
Seville	4.6L Distributorless	9, Y	96-93	GM 8 Cyl. Northstar	GM-7

\* Optional Accessory Cables available, but sold separately

# Oldsmobile

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
88 Royale	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
88 Royale	3.8L	L	94-92	GM 3.8L C3I (Fast Start)	GM-8
88 Royale	3.8L Magnavox Module	L	92	GM 3.8L C3I (Fast Start)	GM-8
98 Regency	3.8L	1	95-92	GM 3.8L C3I (Fast Start)	GM-8
98 Regency	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
98 Regency	3.8L	L	94-92	GM 3.8L C3I (Fast Start)	GM-8
98 Regency	3.8L Magnavox Module	L	92	GM 3.8L C3I (Fast Start)	GM-8
Achieva	2.3L	A, D, 3	94-92	GM DIS/IDIS 4 Cyl	GM-3
Achieva	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Achieva	3.3L Module # 1103911	N	93	GM 3.8L C3I (Fast Start)	GM-8
Achieva	3.3L Module # 1103936	N	93	GM 3.8L C3I (Fast Start)	GM-8
All	2.0L	1	88-87	GM DIS/IDIS 4 Cyl	GM-4
All	2.3L	A, D	91-87	GM DIS/IDIS 4 Cyl	GM-2
All	2.5L	R	92-87	GM DIS/IDIS 4 Cyl	GM-4
All	2.5L	U	91-87	GM DIS/IDIS 4 Cyl	GM-4
All	2.8L	W	89-88	GM DIS 6 Cyl	GM-6
All	3.0L Module # 25520266, 25523220, 25521351	L	86-85	GM 3.8L C3I	GM-9
All	3.1L	T	93-90	GM DIS 6 Cyl	GM-6
All	3.3L	N	92-89	GM 3.0/3.3L Buick	GM-9
All	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
All	3.8L Delco Type I	3	88-87	GM 3.0/3.3L Buick	GM-9
All	3.8L Delco Type I	3, B	86	GM 3.0/3.3L Buick	GM-9
All	3.8L Magnavox Type module	3, B	88-86	GM 3.8L C3I	GM-9
Aurora	4.0L	C	96-95	GM 8 Cyl. North Star	GM-7
Cutlass Cruiser	3.1L	M	95	GM DIS 6 Cyl	GM-6
Cutlass	3.1L	M	96	GM DIS 6 Cyl	GM-6
Cutlass	3.4L	X	96-94	GM DIS 6 Cyl	GM-6
Cutlass Ciera	2.2L	4	93	GM DIS/IDIS 4 Cyl	GM-4
Cutlass Ciera	2.8L	W	87	GM DIS 6 Cyl	GM-6
Cutlass Ciera	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Cutlass Ciera	3.3L	N	93	GM 3.8L C3I (Fast Start)	GM-8
Cutlass Supreme	3.1L	M	95-93	GM DIS 6 Cyl	GM-6
Cutlass Supreme	3.4L	X	95-90	GM DIS 6 Cyl	GM-6
Firenza	2.8L	W	87	GM DIS 6 Cyl	GM-6
Ninety-Eight	3.8L	L	91	GM 3.8L C3I (Fast Start)	GM-8
Silhouette	2.3L Export	D	96-93	GM DIS/IDIS 4 Cyl	GM-3
Silhouette	3.8L	L	92	GM 3.8L C3I (Fast Start)	GM-8
Silhouette	3.8L	L	95-94	GM 3.8L C3I (Fast Start)	GM-8
Silhouette	3.8L Module # 1103911	N	93	GM 3.8L C3I (Fast Start)	GM-8
Silhouette	3.8L Module # 1103936	L	93	GM 3.8L C3I (Fast Start)	GM-8
Silhouette	3.4L	E	96	GM DIS 6 Cyl	GM-6
Toronado	3.8L	L	92-91	GM 3.8L C3I (Fast Start)	GM-8

\* Optional Accessory Cables available, but sold separately

## Pontiac

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
6000	3.1L	T, V	93-88	GM DIS 6 Cyl	GM-6
All	2.3L	A, D	91-87	GM DIS/IDIS 4 Cyl	GM-2
All	2.5L	R	90-87	GM DIS/IDIS 4 Cyl	GM-4
All	2.5L	U	91-87	GM DIS/IDIS 4 Cyl	GM-4
All	2.8L	W	89-87	GM DIS 6 Cyl	GM-6
All	3.0L Magnavox # 25520266, 25523220	L	86-85	GM 3.8L C3I	GM-9
All	3.0L Magnavox # 2552135, 25526449	L	87-86	GM 3.8L C3I	GM-9
All	3.8L Magnavox Type I	3	88-87	GM 3.8L C3I	GM-9
All	3.8L w/Delco Type I	3	88-87	GM 3.0/3.3L Buick	GM-9
Bonneville	3.8L	1	96-93	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L	C	91-88	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L	L	95-93	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L Delco Module	L, 1	92	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L Magnavox Module	L, 1	92	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L Module # 1103911	L, 1	92	GM 3.8L C3I (Fast Start)	GM-8
Bonneville	3.8L Module # 1103936	L, 1	92	GM 3.8L C3I (Fast Start)	GM-8
Firebird	3.4L	S	95-93	GM DIS 6 Cyl	GM-6
Firebird	3.8L	K	96-95	GM 3.8L C3I (Fast Start)	GM-8
Grand Am	2.3L	3, A, D	94-90	GM DIS/IDIS 4 Cyl	GM-3
Grand Am	2.3L	D	95	GM DIS/IDIS 4 Cyl	GM-3
Grand Am	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Grand Am	3.1L	M	93	GM 3.8L C3I (Fast Start)	GM-8
Grand Am	3.3L	N	92	GM 3.0/3.3L Buick	GM-9
Grand Am	3.3L Module # 1103911	N	93	GM 3.8L C3I (Fast Start)	GM-8
Grand Am	3.3L Module # 1103936	N	93	GM 3.8L C3I (Fast Start)	GM-8
Grand Prix	3.1L	M	96-94	GM DIS 6 Cyl	GM-6
Grand Prix	3.1L	T, V	93-88	GM DIS 6 Cyl	GM-6
Grand Prix	3.4L	X	96-91	GM DIS 6 Cyl	GM-6
Sunbird	3.1L	T	93-91	GM DIS 6 Cyl	GM-6
Tempest	2.2L Canada	G	91-90	GM DIS/IDIS 4 Cyl	GM-4
Trans Sport	3.4L	E	96	GM DIS 6 Cyl	GM-6
Trans Sport	3.8L	L	95-94	GM 3.8L C3I (Fast Start)	GM-8
Trans Sport	3.8L Module # 1103911	L	93	GM 3.8L C3I (Fast Start)	GM-8
Trans Sport	3.8L Module # 1103936	L	93	GM 3.8L C3I (Fast Start)	GM-8

## Saturn

Model	Engine Application	Engine Code	Model Years	System Type	OEM Accessory Cable*
Saturn	1.9L	7	95-92	GM DIS/IDIS 4 Cyl	GM-5
Saturn	1.9L	9	95-92	GM DIS/IDIS 4 Cyl	GM-5

\* Optional Accessory Cables available, but sold separately

## FORD MOTOR COMPANY DIS IGNITION APPLICATION

### Ford

Model	Engine Application	Model Years	System Type	OEM Accessory Cable*
Contour	2.0L	95-96	Ford EDIS 4 Cyl	FORD-3
Contour	2.5L	95-96	Ford EDIS 4 Cyl	FORD-3
Crown Victoria	4.6L	91-96	Ford EDIS 8 Cyl	FORD-4
Escort	1.9L	91-96	Ford EDIS 4 Cyl	FORD-3
Mustang	2.3L OHC Dual Plug	91-94	Ford DIS 4Cyl	FORD-1
Mustang	3.8L	94-96	Ford EDIS 6 Cyl	FORD-3
Taurus	3.0L SHO	89-95	Ford DIS 6 Cyl	FORD-2
Taurus	3.2L SHO	93-95	Ford DIS 6 Cyl	FORD-2
Taurus	3.0L Flex Fuel	93-95	Ford EDIS 6 Cyl	FORD-3
Thunderbird	3.8L Calif.	94-95	Ford EDIS 6 Cyl	FORD-3
Thunderbird	3.8L Supercharged	89-93	Ford DIS 6 Cyl	FORD-2
Thunderbird	3.8L Supercharged	94-95	Ford EDIS 6 Cyl	FORD-3
Thunderbird	4.6L	94-96	10	FORD-4

### Lincoln

Model	Engine Application	Model Years	System Type	OEM Accessory Cable*
Mark VIII	4.6L 4 valve	93-96	Ford EDIS 8 Cyl	FORD-4
Town Car	4.6L	91-96	Ford EDIS 8 Cyl	FORD-4

### Mercury

Model	Engine Application	Model Years	System Type	OEM Accessory Cable*
Cougar	3.8L Calif.	94	Ford EDIS 6 Cyl	FORD-3
Cougar	3.8L Supercharged	89-93	Ford DIS 6 Cyl	FORD-2
Cougar	3.8L Supercharged	94-95	Ford EDIS 6 Cy	FORD-3
Cougar	4.6L	94-96	Ford EDIS 8 Cyl	FORD-4
Grand Marquis	4.6L	91-96	Ford EDIS 8 Cyl	FORD-4
Mystique	2.0L	95-96	Ford EDIS 4 Cyl	FORD-3
Mystique	2.5L	95-96	Ford EDIS 4 Cyl	FORD-3
Sable	3.0L Flex Fuel	93-95	Ford EDIS 6 Cyl	FORD-3
Tracer	1.9L	91-96	Ford EDIS 4 Cyl	FORD-3

### Truck

Model	Engine Application	Model Years	System Type	OEM Accessory Cable*
Explorer	4.0L	90-94	Ford EDIS 6 Cyl	FORD-3
Ranger	2.3L OHC Dual Plug	89-94	Ford DIS 4Cyl	FORD-1
Ranger	4.0L	90-94	Ford EDIS 6 Cyl	FORD-3

\* Optional Accessory Cables available, but sold separately



## Appendix: Replacement and Accessory Cable List

Part Number	Description	Availability
1000-000-4590	FG,GM#1 DIS CABLE ADAPTER	Sold separately
1000-000-4591	FG,GM#2 DIS CABLE ADAPTER	Sold separately
1000-000-4592	FG,GM#3 DIS CABLE ADAPTER	Sold separately
1000-000-4593	FG,GM#4 DIS CABLE ADAPTER	Sold separately
1000-000-4594	FG,GM#5 DIS CABLE ADAPTER	Sold separately
1000-000-4595	FG,GM#6 DIS CABLE ADAPTER	Sold separately
1000-000-4596	FG,GM#7 DIS CABLE ADAPTER	Sold separately
1000-000-4597	FG,GM#8 DIS CABLE ADAPTER	Sold separately
1000-000-4598	FG,GM#9 DIS CABLE ADAPTER	Sold separately
1000-000-4599	FG,FORD#1 DIS CBL ADAPTER	Sold separately
1000-000-4600	FG,FORD#2 DIS CBL ADAPTER	Sold separately
1000-000-4601	FG,FORD#3 DIS CBL ADAPTER	Sold separately
1000-000-4602	FG,FORD#4 DIS CBL ADAPTER	Sold separately
1000-000-4603	FG,FORD#5 DIS CBL ADAPTER	Sold separately
1000-000-4604	FG,FORD#6 DIS CBL ADAPTER	Sold separately
1000-000-4605	FG,FORD#7 DIS CBL ADAPTER	Sold separately
1000-000-4606	FG,KV CABLE CLAMP ADAPTER	With Tester
1000-000-4607	FG,MODULE TESTING CABLE	With tester
1000-000-4608	FG,DIS/KV JUMPER WIRES	With tester
0038-000-3150	CABLE,DB15M-DBF15 36" (EXTENDER)	Sold separately

Back Cover:

### **THREE (3) YEAR LIMITED WARRANTY**

Actron Manufacturing Company ("Actron") warrants to the original purchaser that this product will be free from defects in materials and workmanship for a period of three (3) years from the date of original purchase. Any unit that fails within this period will be replaced or repaired at Actron's discretion without charge. If you need to return product, please follow the instructions below. This warranty does not apply to damages (intentional or accidental), alterations or improper or unreasonable use.

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#### **TO USE YOUR WARRANTY**

If you need to return the unit, please follow this procedure

1. Call Actron Tech Support at (800) 253-9880. Our Technical Service representatives are trained to assist you.
2. Proof of purchase is required for all warranty claims. For this reason we ask that you retain your sales receipt.
3. In the event that product needs to be returned, you will be given a Return Material Authorization number.
4. If possible, return the product in its original package with cables and accessories.
5. Print the RMA number and your return address on the outside of the package and send to the address provided by your Customer Service representative.
6. You will be responsible for shipping charges in the event that your repair is not covered by warranty.

#### **OUT OF WARRANTY REPAIR**

If you need product repaired after your warranty has expired, please call Tech Support at (800) 253-9880. You will be advised of the cost of repair and any freight charges.

### **Replacement Parts and Order Information**

Tester components listed in this manual are available directly from Actron.

For information on replacement parts, call: **1-800-253-9880**

**Actron Manufacturing Co.**  
15825 Industrial Parkway  
Cleveland, OH 44135-9946

**Internet –** <http://www.actron.com>  
**& e-mail**

Phone: (216) 898-9200  
Toll free U.S.: (800) 228-7667